



KOSHER No:
(KLB) 34629



BRC No:
1375063



FEMS No:
39778



Vegan Society
No: 020231



Approved by the
Vegetarian
Society



Organic Food
Federation No:
01569/17



FDA No:
19309600234



Product Specification

Hulled Hemp Hearts

General Description

Hemp hearts are produced by milling and sieving Hemp Seed. The product is produced on a strictly controlled manufacturing process. It is characterised by high protein level and high in Omega 3 and 6 fatty acids.

Appearance:	Natural White seed kernels with some fleck
Taste:	Characteristic Nutty
Source:	Cannabis sativa
Country of Origin:	Canada, Europe, UL, China
Country of Manufacture:	Britain

Packaging

20 kg paper sacks with UV protective recyclable plastic food grade lining. Palletised on wooden UK pallets. Also available 225g plastic compostable pouches.

Storage Conditions and Shelf-life

Store in dry cool place away from direct sunlight. 18 months from date of manufacture, unopened.

Characteristics

Microbiology*

Yeasts and Moulds	10 000 cfu/g
<i>E. coli</i>	<10 cfu/g
<i>Salmonella</i>	Not Detected in 25g
<i>Listeria</i>	Not Detected

Chemical/physical characteristics**

THC	<2mg/kg
PAH's	<2.2/kg
Mesh size	N/A
pH	TBC
Heavy Metals	Within EU defined guidelines

Minerals and Vitamins**

Potassium	951mg/100g
Phosphorus	1.25mg/100g
Magnesium	558mg/100g
Iron	13.8mg/100g
Zinc	11.4mg/100g
Copper	1.47mg/100g
Manganese	7.6mg/100g

Vitamin A	<2iu/g
Vitamin D	<0.5iu/g
Vitamin E	<13.7iu/g

Independent laboratories conduct analysis according to industry wide standards at the frequency below:

*each batch ** each year



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Typical Nutritional Information Per 100g*

Moisture	7 g
Energy	569 Kcal/2357 KJ
Fat	46.3 g
Saturated	4.6 g
Mono-unsaturated	6.0 g
Polyunsaturated	33.7 g
Omega 3	14.8 g
Omega 6	58.3 g
Omega 9	16.7 g
Carbohydrate	9.2 g
Of Which sugars	2.4 g
Protein	32.5 g
Protein (dry matter basis)	37.6 g
Fibre	6.3g
Salt	0.01 g

Typical Fatty Acid Values per Unit of Fat**

Saturated Fatty Acids	5.03%
Palmitic Acid (16:0)	6.07%
Margaric Acid (17:0)	0.10%
Stearic Acid (18:0)	3.2%
Arachidic Acid (20:0)	0.75%
Behenic Acid (22:0)	0.26%
Monounsaturated Fatty Acids	8.0%
Palmitoleic Acid (16:1)	0.11%
Oleic Acid (18:1) n9	16.14%
Eicosenic Acid (20:1)	0.05%
Polyunsaturated Fatty Acids	32.7%
Linoleic Acid (18:2) n6	54.31%
Alpha Linolenic Acid (18:3) n3	13.25%
Gamma Linolenic Acid (18:3) n6	0.43%
Steriodonic Acid (18:4) n3	0.14%

General Information

This product complies with UK Food Safety Act 1990 and the Food Standards Act 1999 which encompass the General food law EU 1789/2002. Additional regulations to which the product complies but are not exclusive to include contaminants, pesticides and mycotoxins.

Customers are responsible for checking compliance against local regulations according to where the product is to be marketed and sold.

Not irradiated, Not genetically modified (FOOD ID) 52085. Does not contain any genetically modified material.

Please note that surveillance testing may mean that not all the parameters stated on this specification are tested for every batch.

***CoA available for raw material & for product**

Applications

Sports Nutrition powder blends, breakfast cereal, toppings.

Complete amino acid profile. Environmentally sustainable product.



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Annex Allergen List Hemp

Product Contains	EU No 1169/2011
Cow's milk protein	NO
Milk or milk derivatives including Lactose	NO
Hen's egg or egg derivatives	NO
Soya or soya derivatives	NO
Gluten	NO
Wheat	NO
Rye	NO
Beef	NO
Pork	NO
Chicken	NO
Fish or fish derivatives	NO
Crustaceans and molluscs	NO
Maize / Corn	NO
Cacao	NO
Yeast	NO
Vegetables / Legumes	NO
Nuts or nut derivatives	NO
Nut oil	NO
MSG	NO
Peanuts	NO
Peanut oil	NO
Sesame seed or sesame seed derivatives	NO
Sesame seed oil	NO
Glutame	NO
Sulphur Dioxide and Sulphites (from E220 to E228)	NO
Benzoic acid and PHB (from E210 to E219)	NO
AZO – colourings	NO
Tartrazin (E102)	NO
Vanillin	NO
Cinnamon	NO
Coriander	NO
Celery or celery derivatives	NO
Umbelliferae	NO
Lupin or lupin derivatives	NO
Mustard or mustard derivatives	NO

Allergens: When purchased in bulk size original packaging, manufacturer allergen policy will apply.
When purchased in quantities that need re-packaging, our allergen policies will apply.

Component	Nuts in Bulk (Applies when bought in small quantities that need re-packaging)		
	In Product	Processed in Same Equipment	Handled on Site
Cereals containing GLUTEN and products thereof	NO	YES	YES
EGGS or its derivatives	NO	NO	NO
FISH or its derivatives	NO	NO	NO
CRUSTACEANS / SHELLFISH	NO	NO	NO
MOLLUSCS	NO	NO	NO
PEANUTS or derivatives	NO	YES	YES
SOYA BEANS or derivatives	NO	YES	YES
MILK (LACTOSE) or its derivatives	NO	YES	YES
NUTS, tree nuts	NO	YES	YES
CELERY, including celeriac and its derivatives	NO	YES	YES
MUSTARD, referring to all parts of the plant and derivatives thereof	NO	YES	YES
SESAME SEEDS or derivatives	NO	YES	YES
SULPHITES >10ppm – Sulphite quantity to be given in ppm	NO	YES	YES
LUPIN seeds or derivatives	NO	NO	NO